

FIG.1A

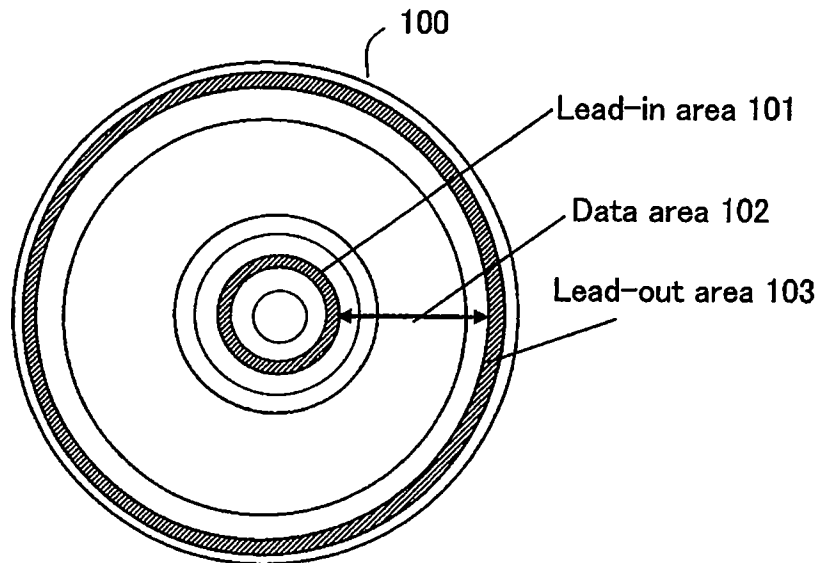


FIG.1B

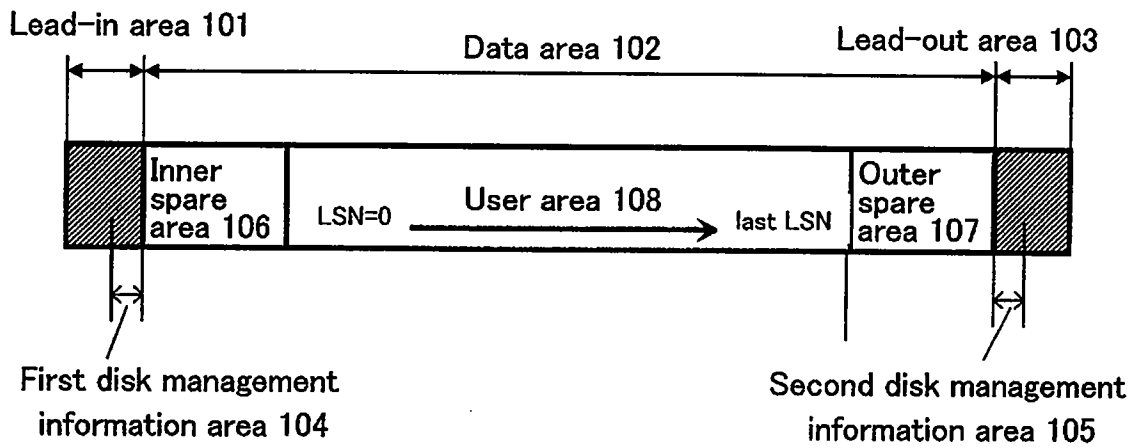


FIG.2

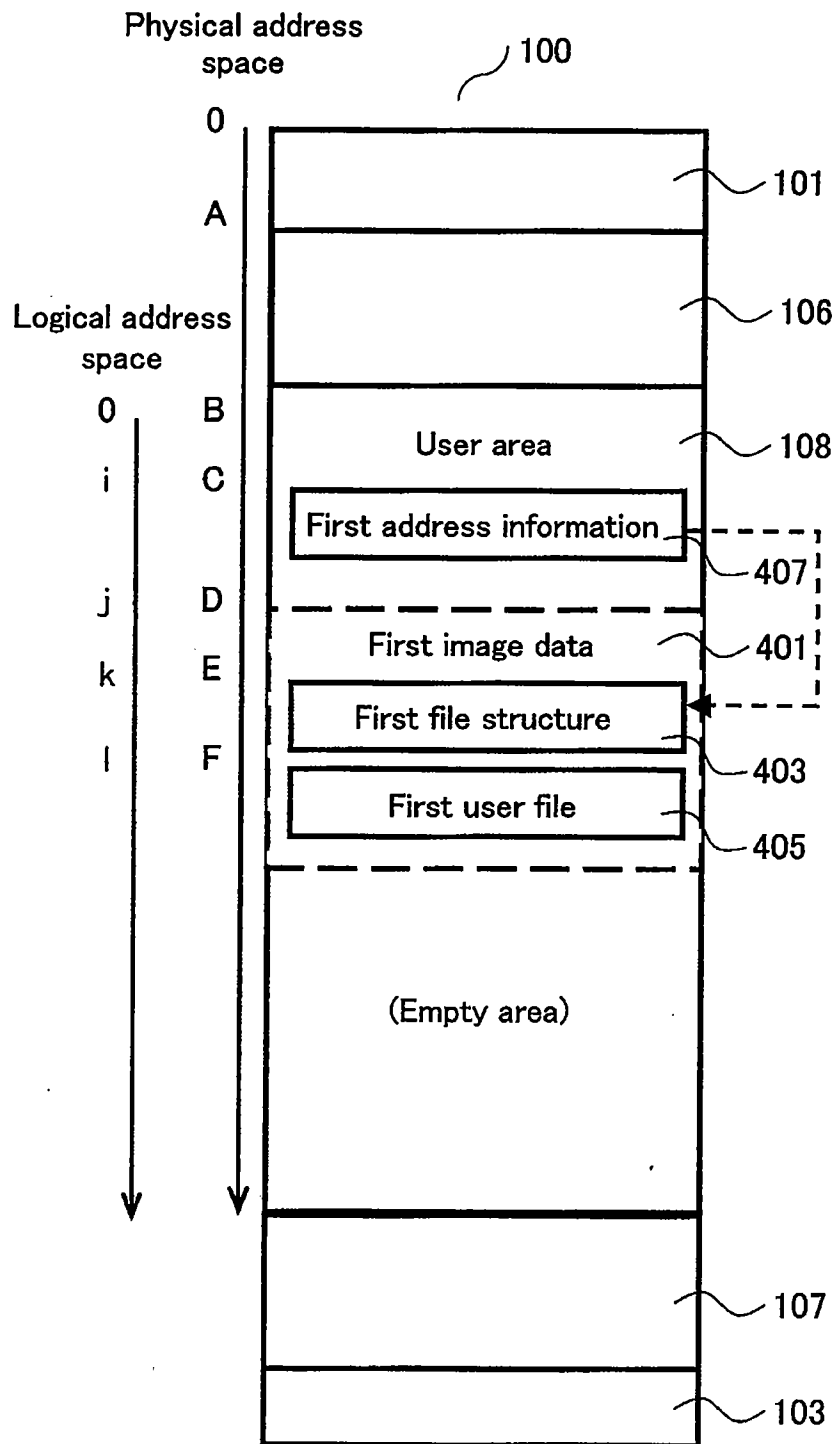


FIG.3

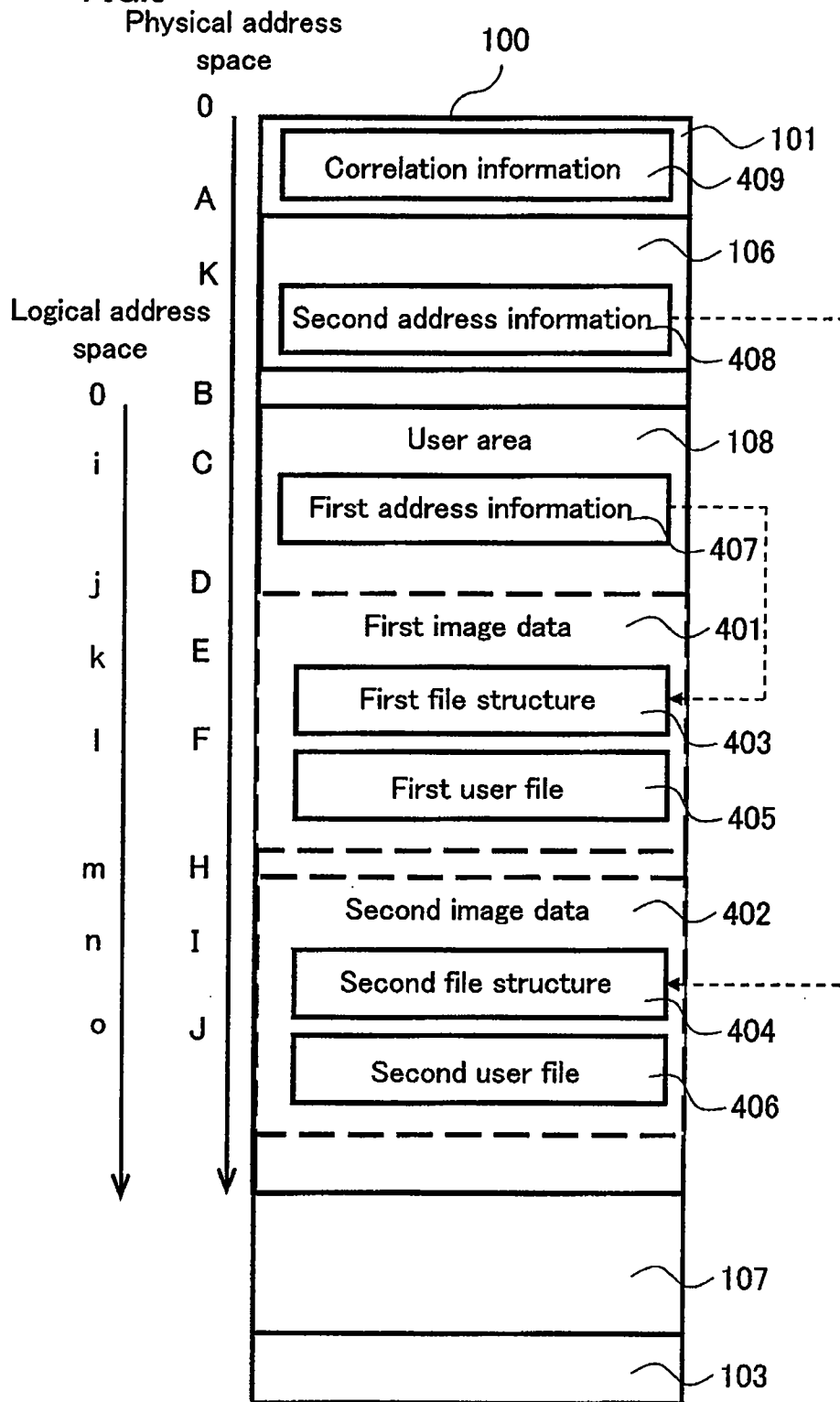


FIG.4A

Header information 1001
Replacement management information #1
Replacement management information #2
Replacement management information #3
...
End information
00h

FIG.4B

Status information 1011
Original location information 1012
Replacement location information 1013

FIG.5

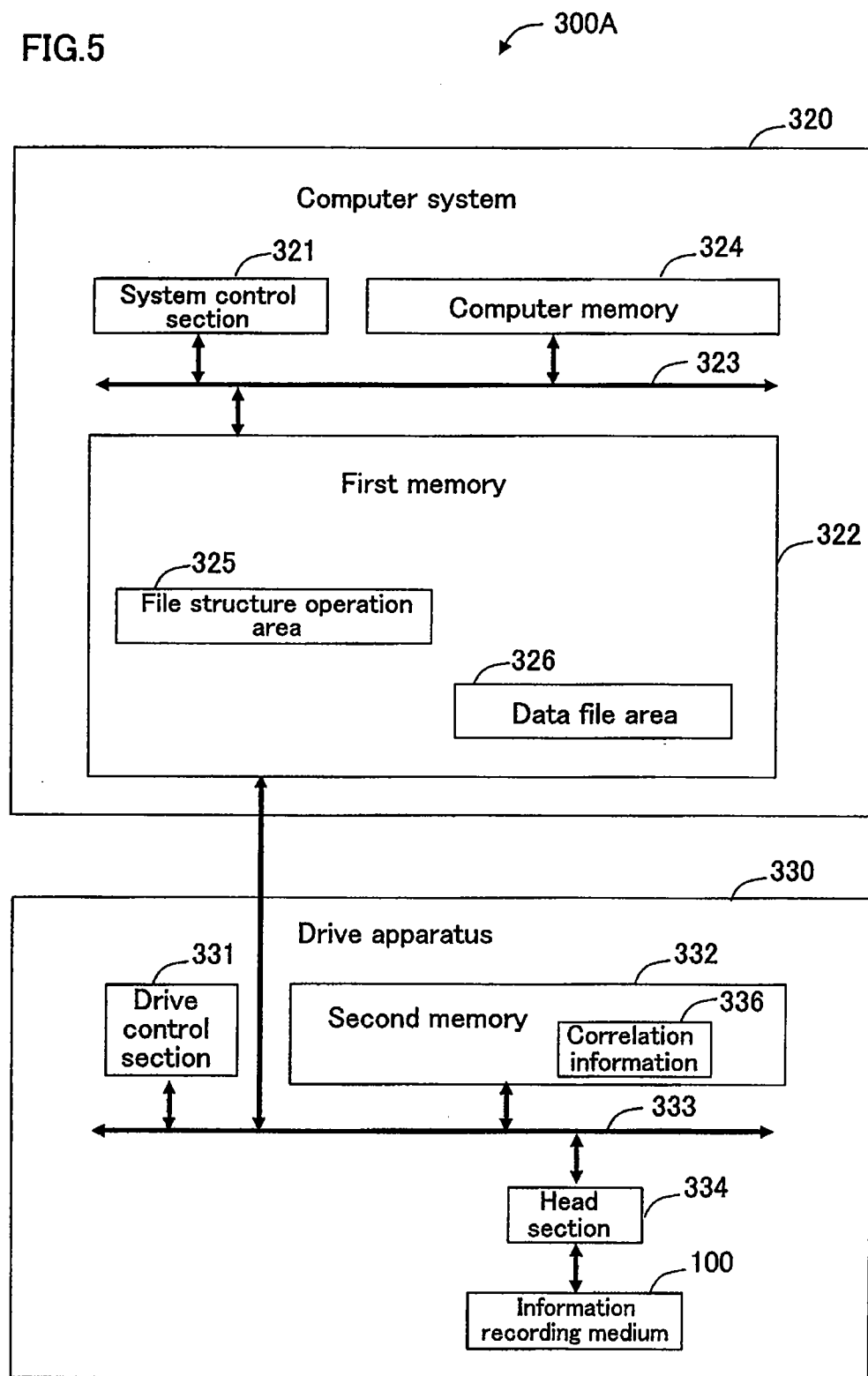


FIG.6

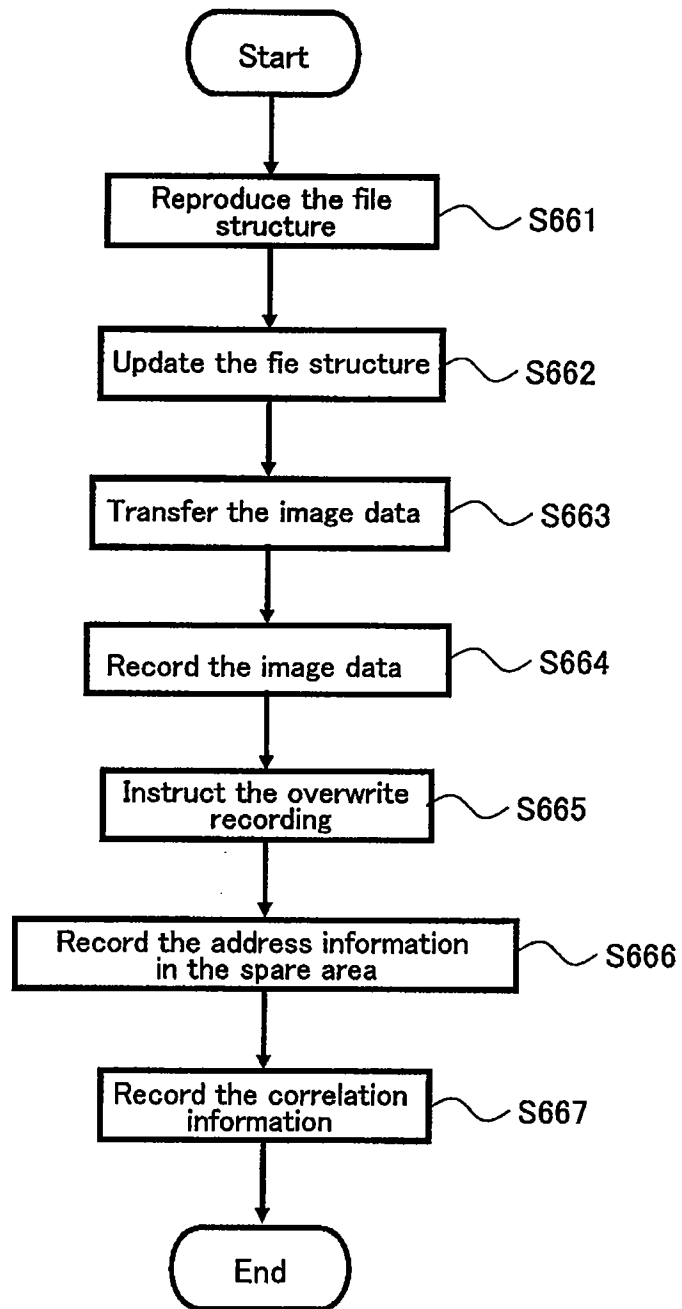


FIG.7

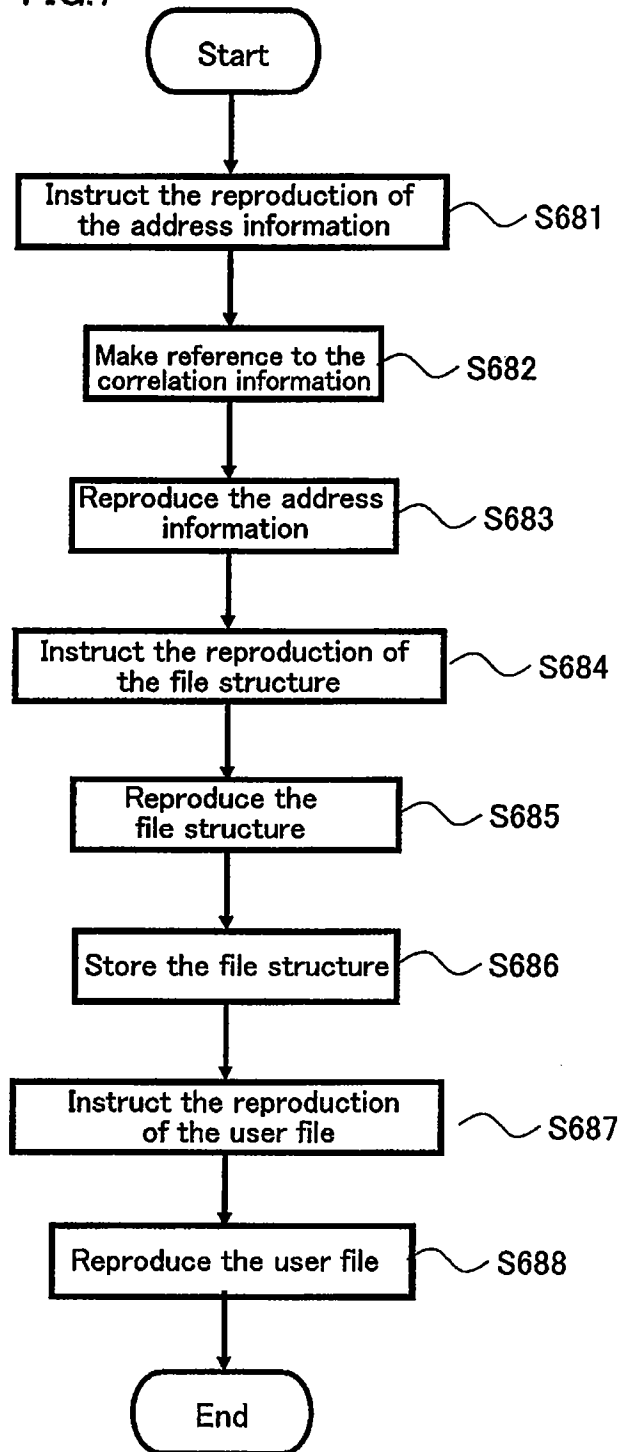


FIG.8A

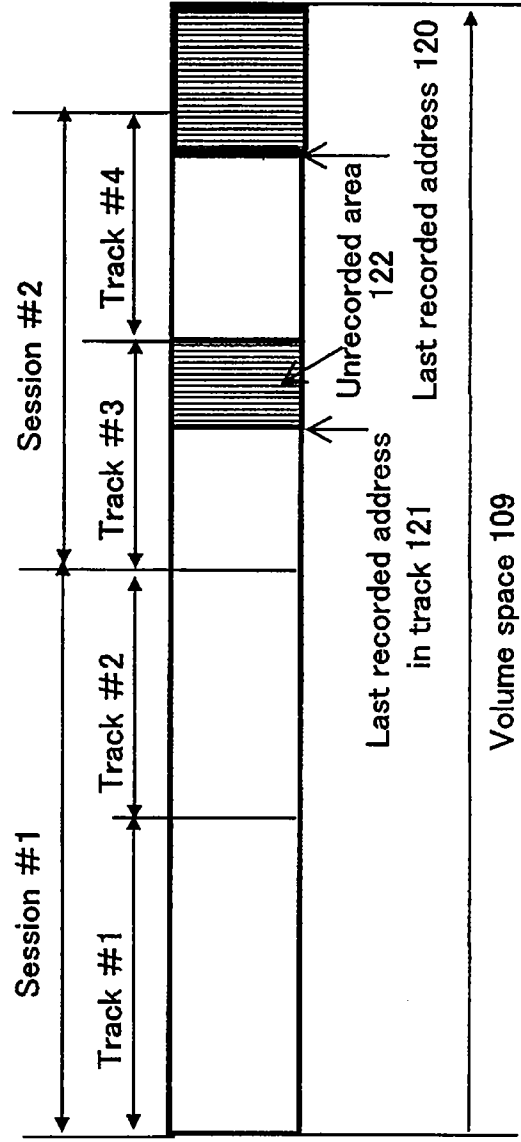


FIG. 8B

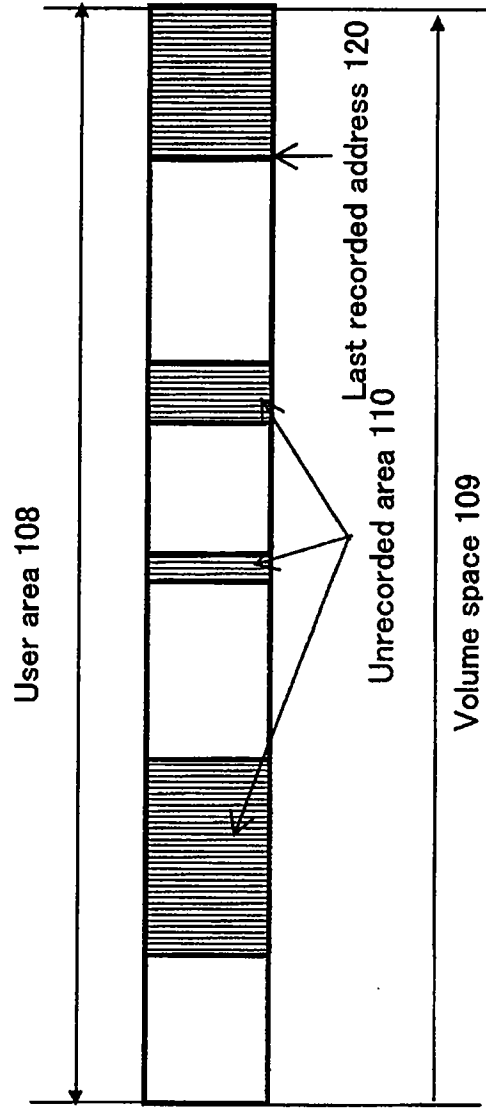


FIG.9A

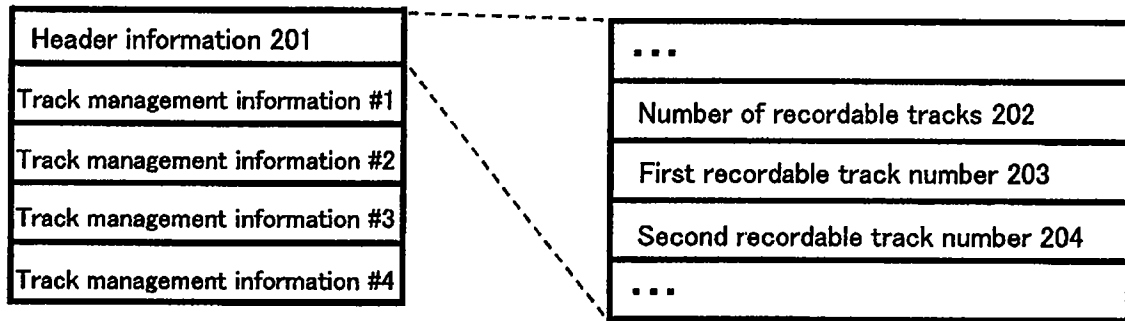


FIG.9B

Session start information 211
Track start location information 212
Last recorded address information 213

FIG.9C

Header information 211
Managed area information 222
Space bitmap information 223

FIG.10

Disk structure information 1100

General information 1101
Replacement management information list location information 1102
User area start location information 1103
User area end location information 1104
Spare area information 1105
Recording mode information 1106
Last recorded address information 1107
Spare area management information 1108
Session management information location information 1109
Space bitmap management information location information 1110

FIG.11

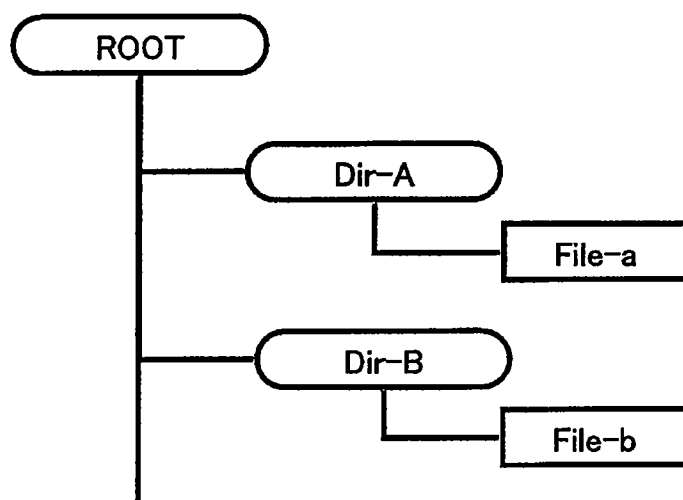


FIG.12

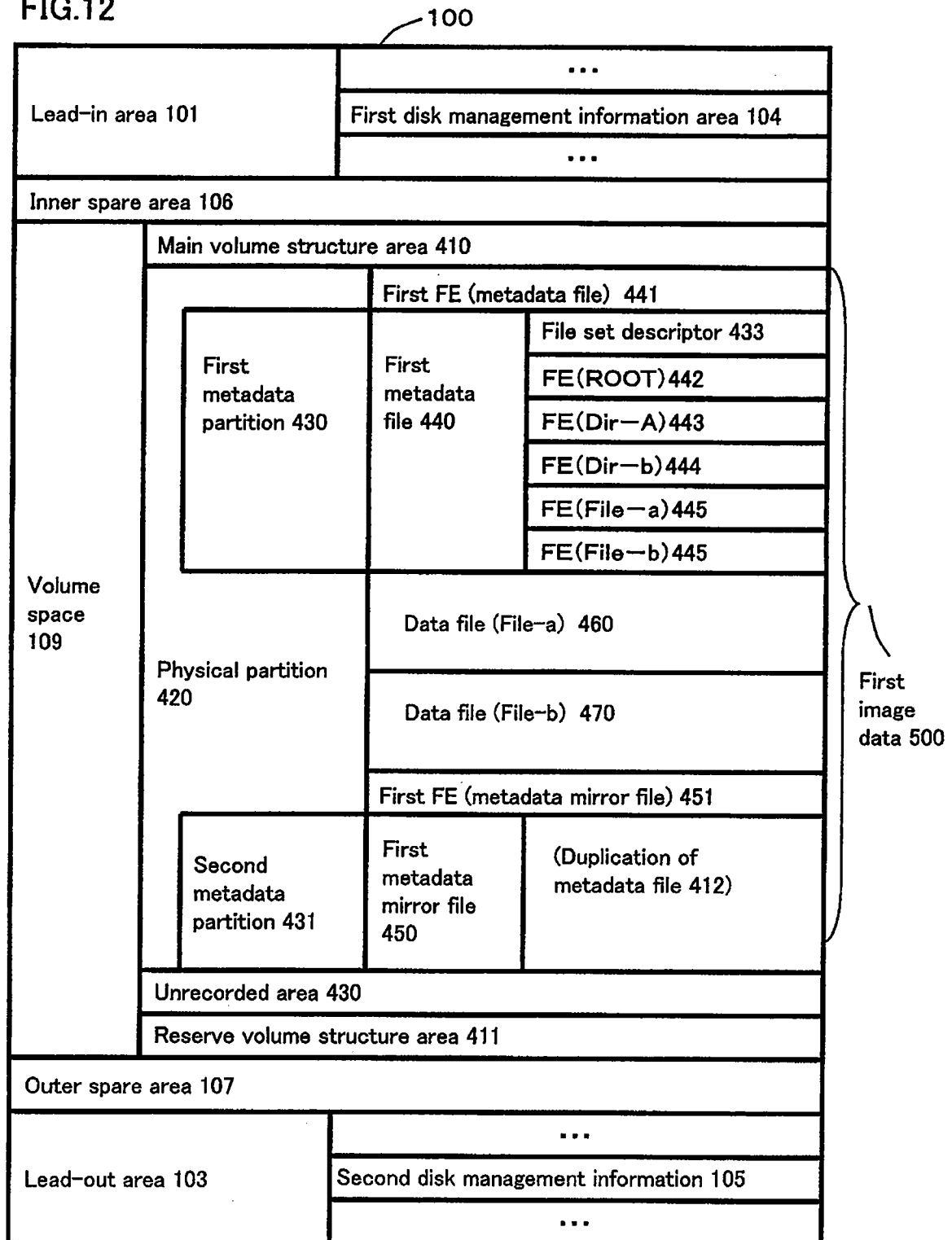


FIG.13

14/38

First FE (metadata file) 441	
First metadata file 440	File set descriptor 433
	FE(ROOT) 442
	FE(Dir-A) 443
	FE(Dir-B) 444
	FE(File-a) 445
	FE(File-b) 445
Data file (File-a) 460	
Data file (File-b) 470	
First FE (metadata mirror file) 451	
First metadata mirror file 450	File set descriptor 433
	FE(ROOT) 442
	FE(Dir-A) 443
	FE(Dir-B) 444
	FE(File-a) 445
	FE(File-b) 445

} Duplication of metadata file 412

FIG.14

First metadata file 440	File set descriptor 433
	FE(ROOT) 442
	FE(Dir-A) 443
	FE(File-a) 445
	FE(Dir-B) 444
	FE(File-b) 445

FIG.15

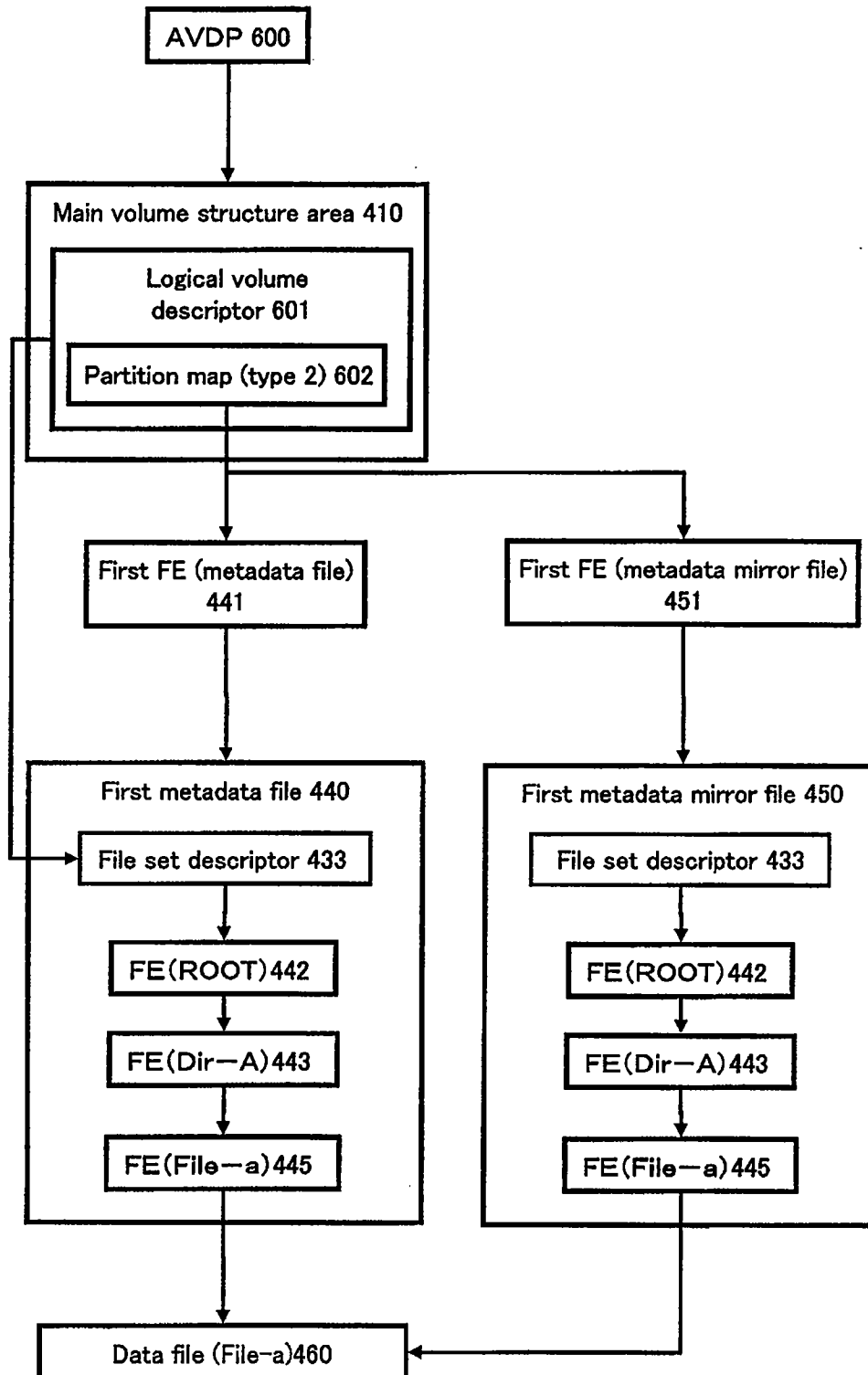


FIG.16A

Main volume structure area 410	NSR area		
	...		
	Primary volume descriptor		
	Implementation use volume descriptor		
	Partition descriptor	...	
		Partition starting location	
		...	
	Logical volume descriptor 601	...	
		Partition map (type 1) 1200	
		partition map (type 2) 602	...
			Metadata file location 1201
			Metadata mirror file location 1202
			...
			Flag 1203
			...
		...	
	...		
Logical volume integrity descriptor			
...			
First anchor volume descriptor pointer 600			

FIG.16B

Reserve volume structure area 411	Third anchor volume descriptor pointer	
	...	
	Primary volume descriptor	
	Implementation use volume descriptor	
	Partition descriptor	
	Logical volume descriptor 601	
	...	
	Second anchor volume descriptor pointer	

FIG.17

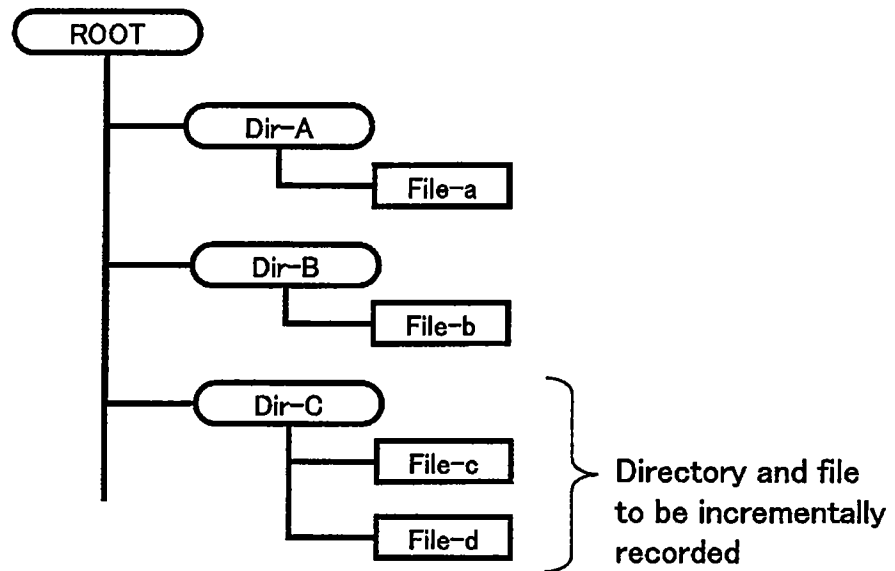


FIG.18

18/38

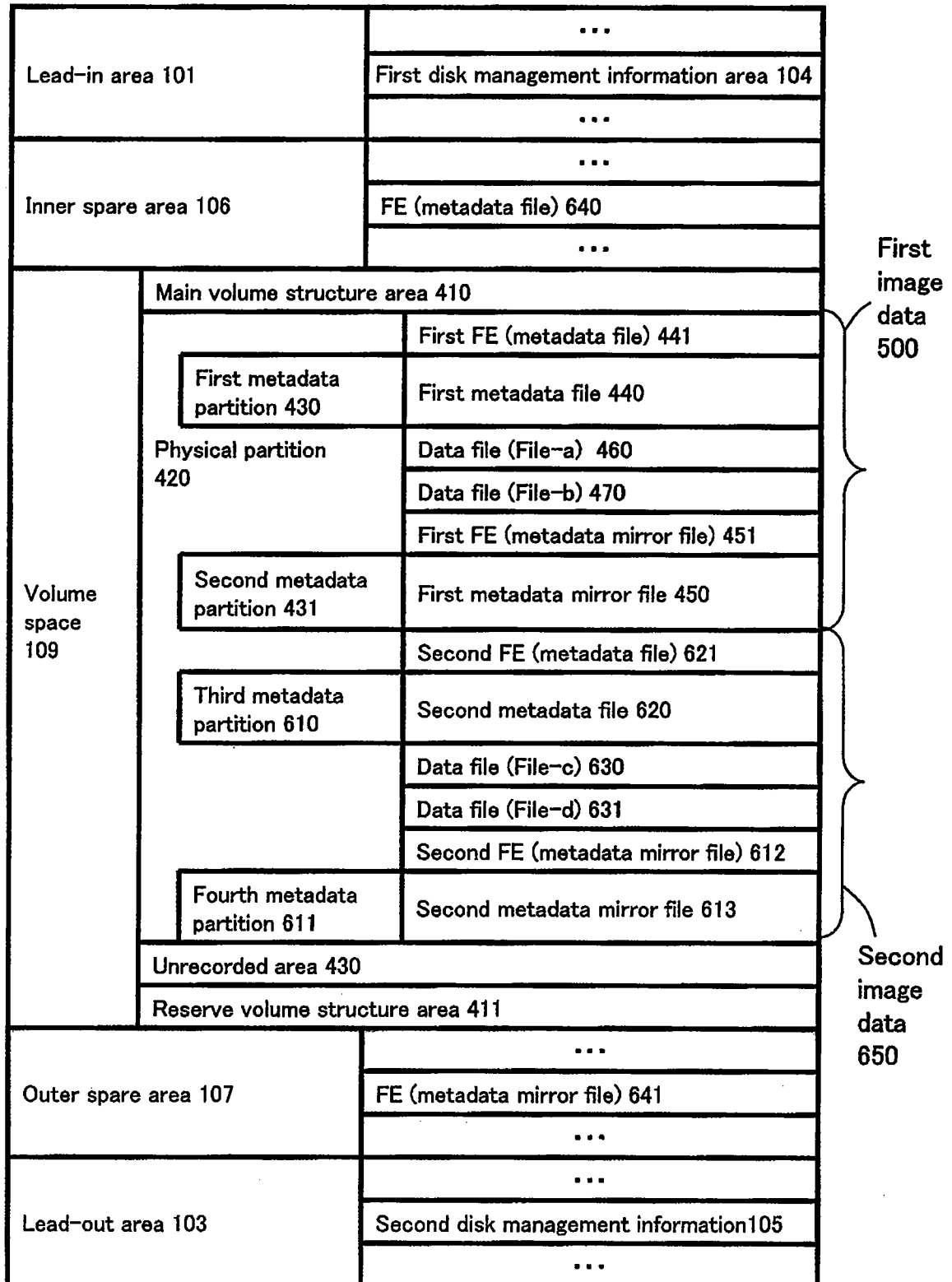


FIG.19

650

Second FE (metadata file) 621	
Second metadata file 620	File set descriptor 433
	FE(ROOT) 442
	FE(Dir-A) 443
	FE(Dir-B) 444
	FE(Dir-C) 622
	FE(File-a) 445
	FE(File-b) 445
	FE(File-c) 623
	FE(File-d) 624
Data file (File-c) 630	
Data file (File-d) 631	
Second FE (metadata mirror file) 612	
Second metadata mirror file 613	(Duplication of metadata file 620)

FIG.20

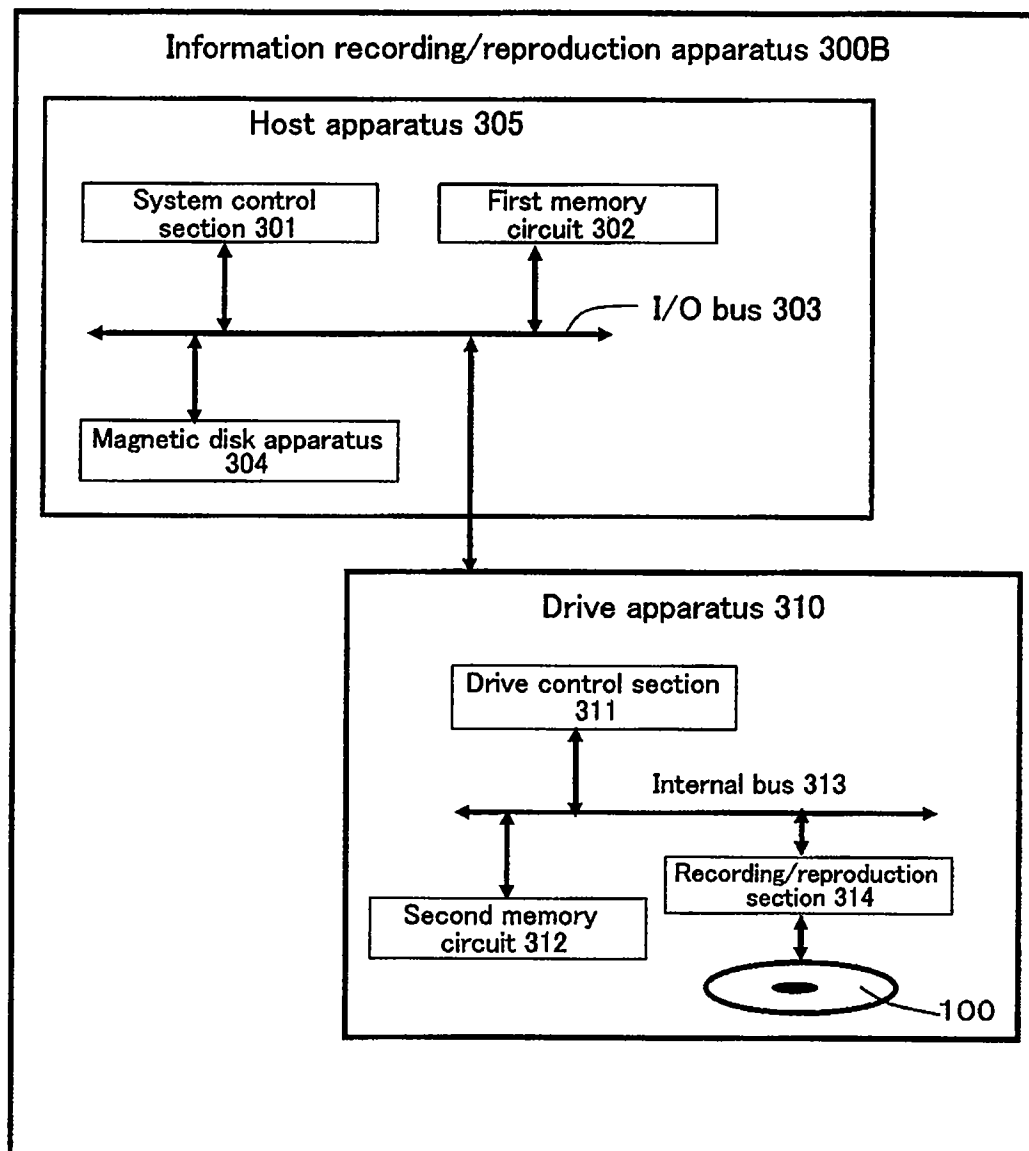


FIG.21

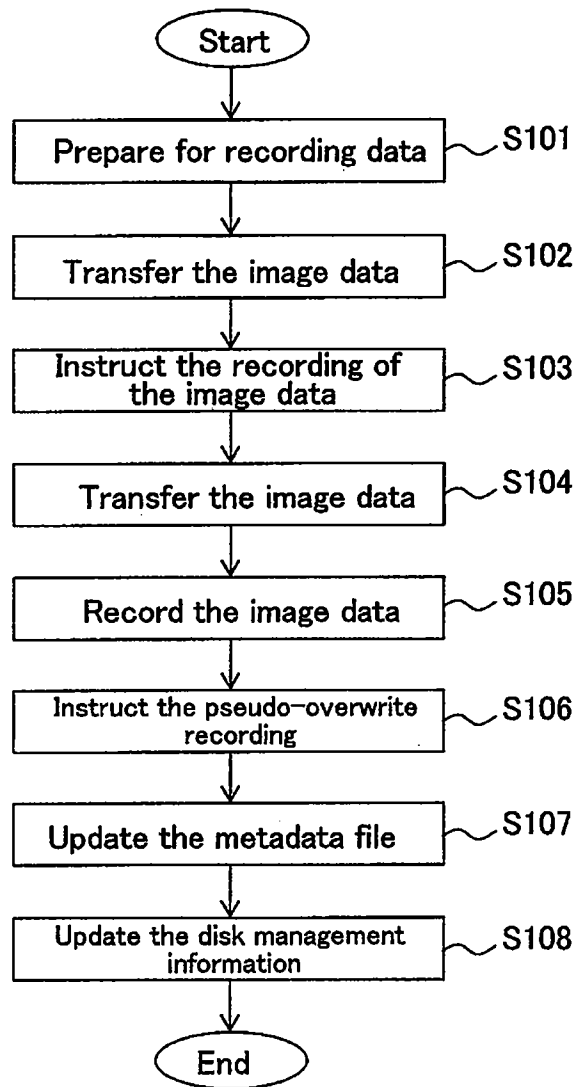


FIG.22

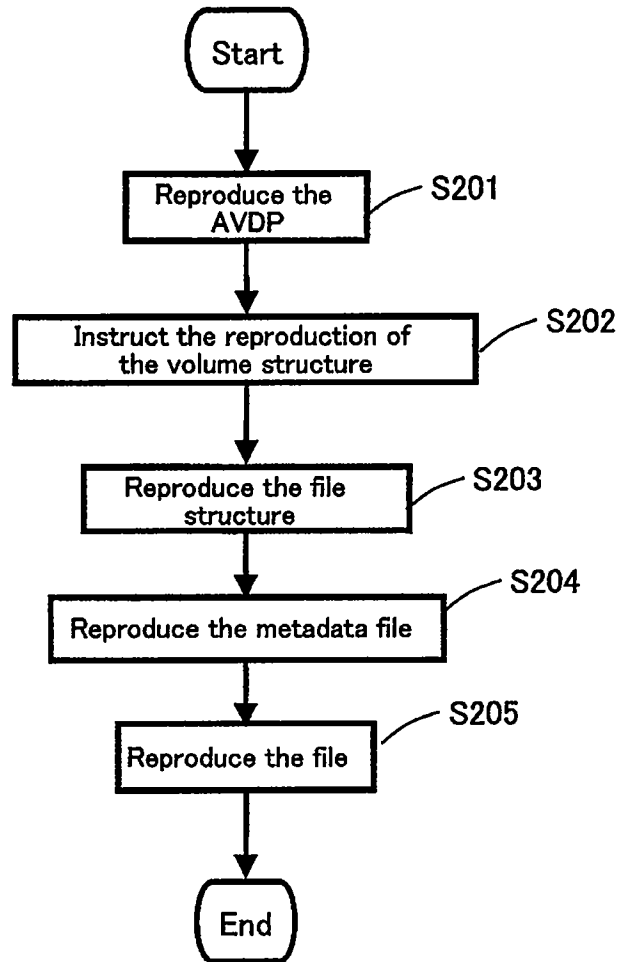


FIG.23

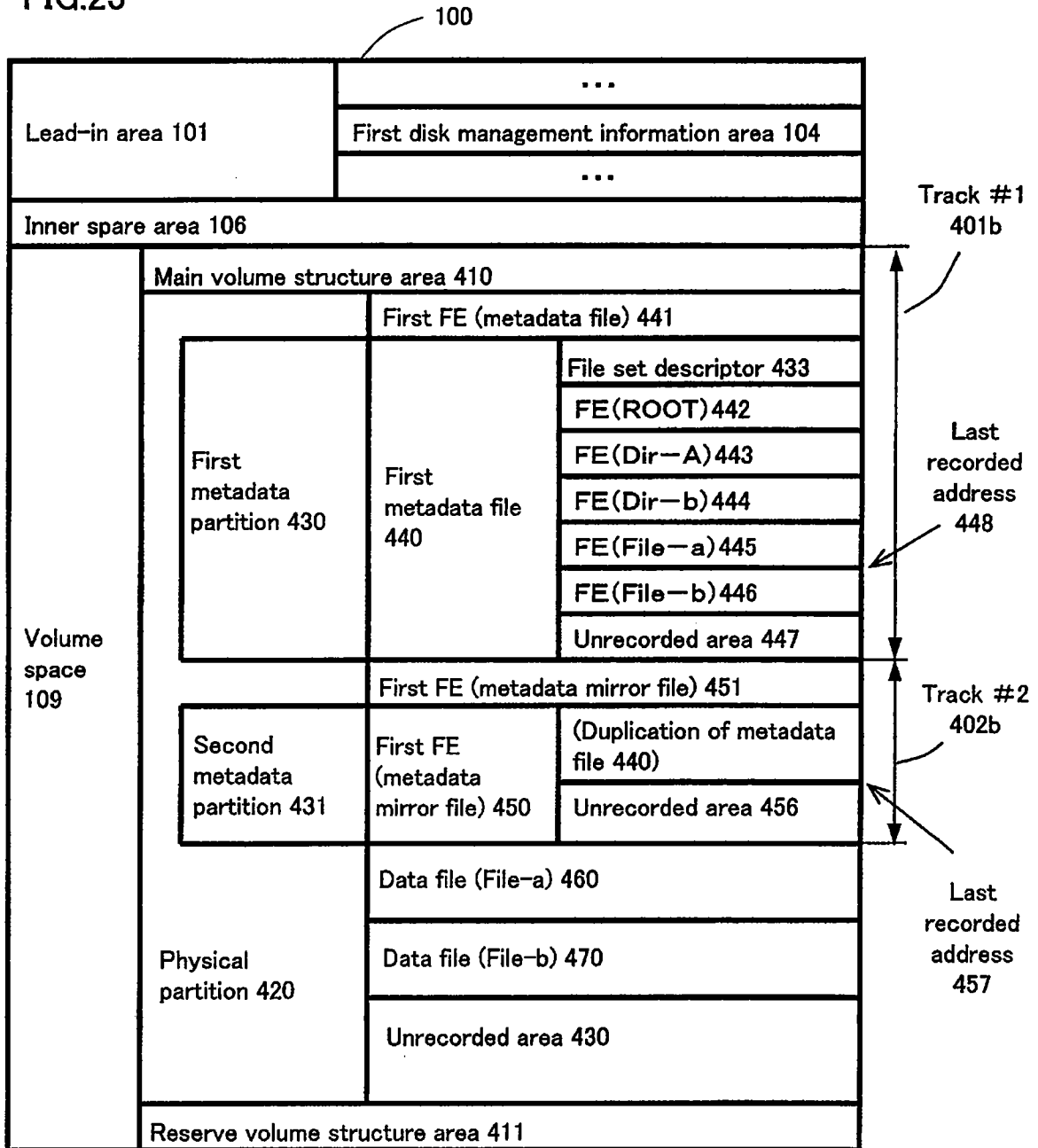


FIG.24

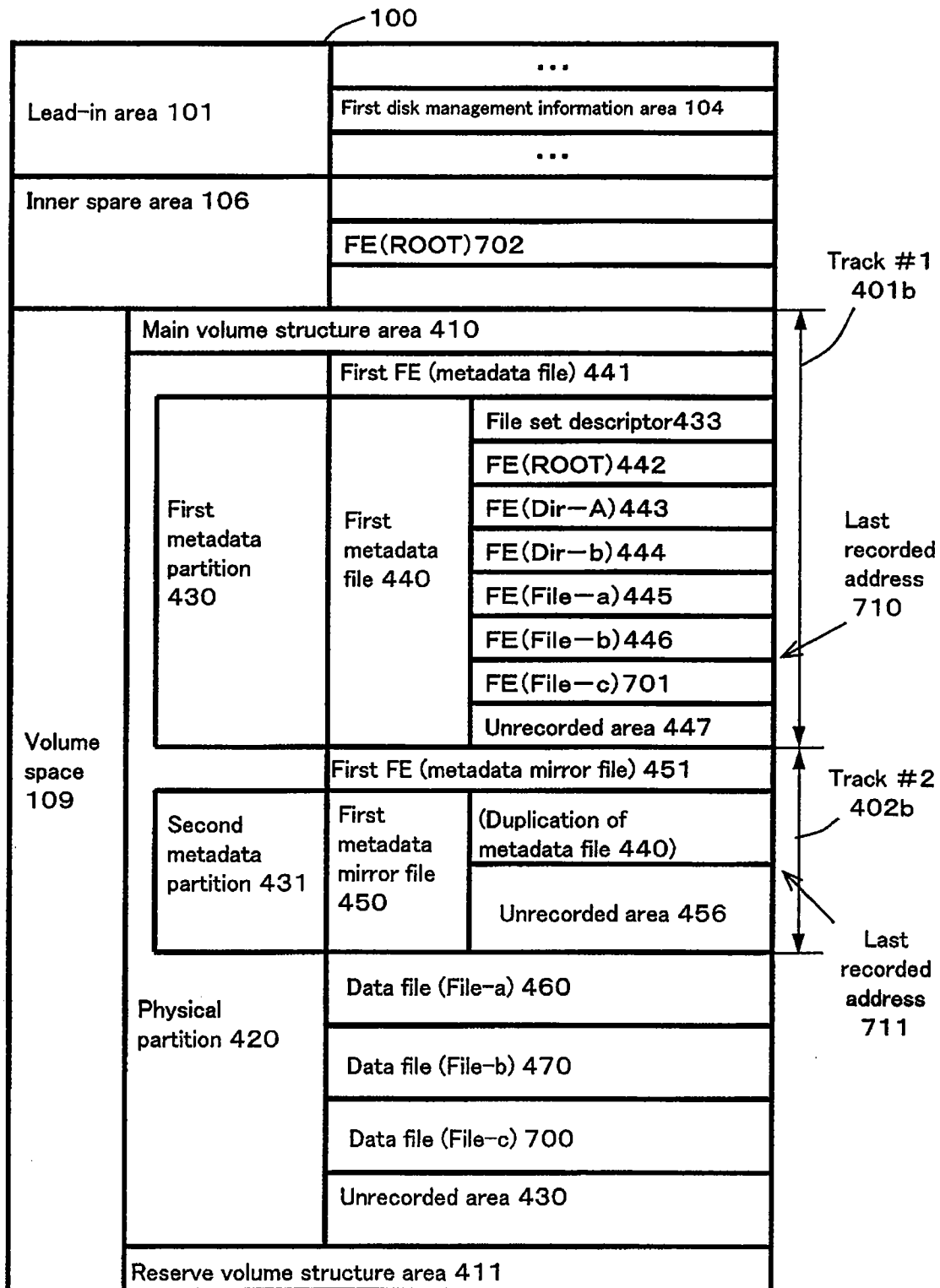


FIG.25

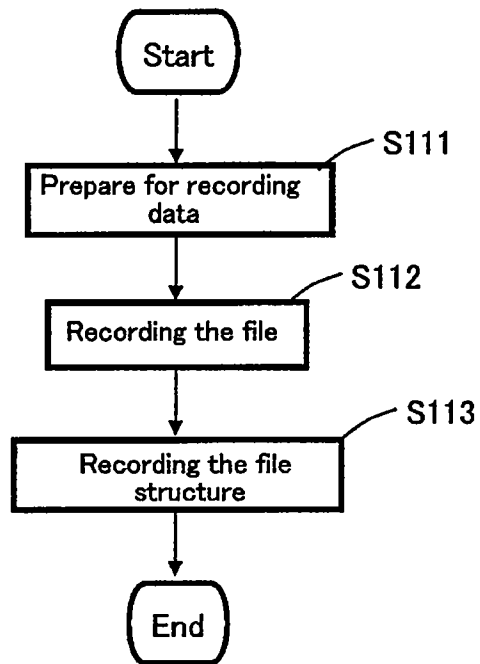


FIG.26

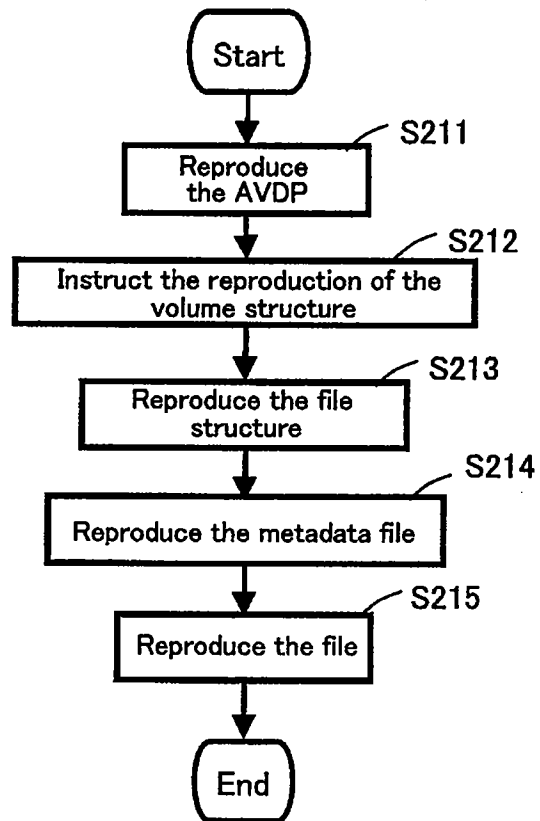


FIG.27

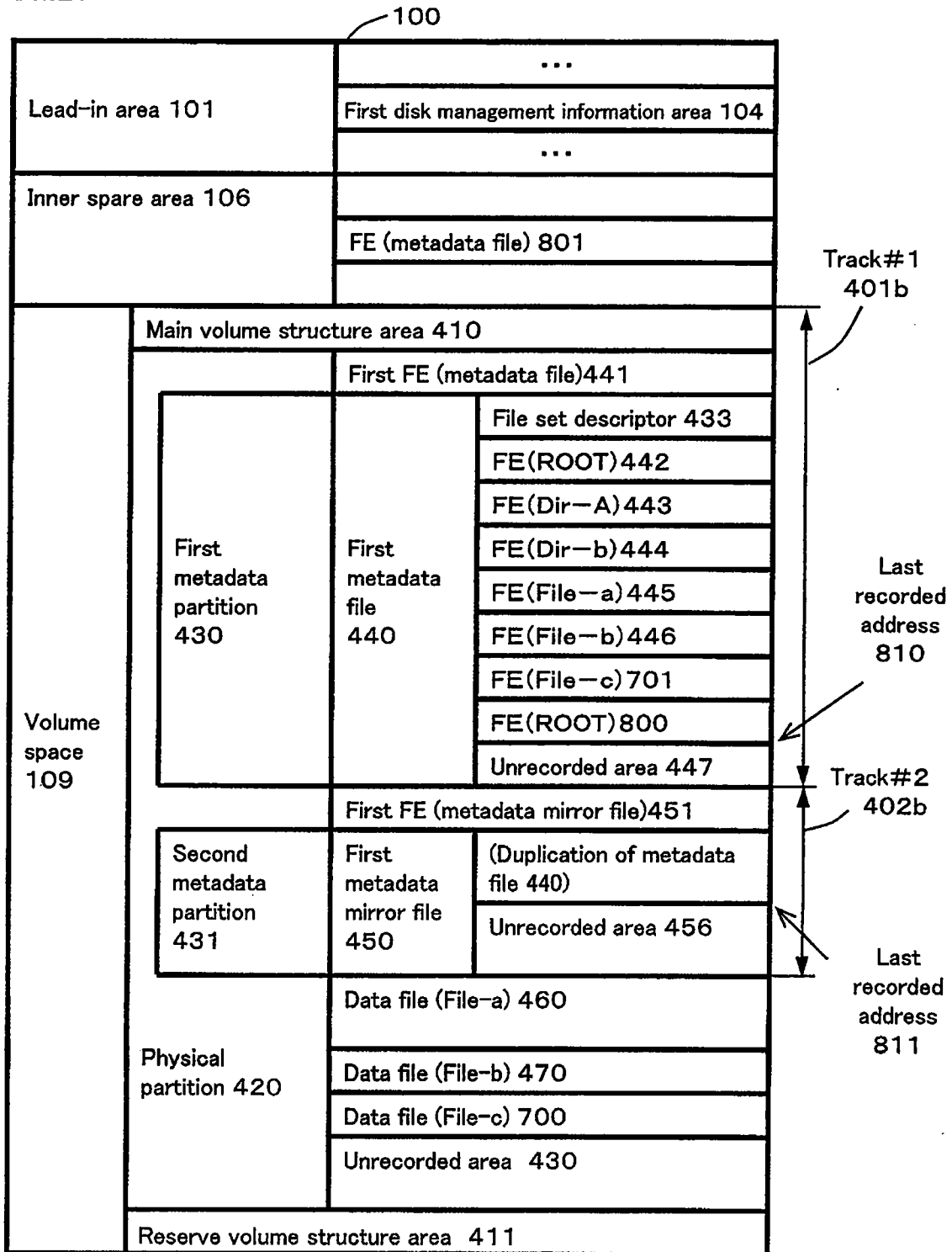


FIG.28

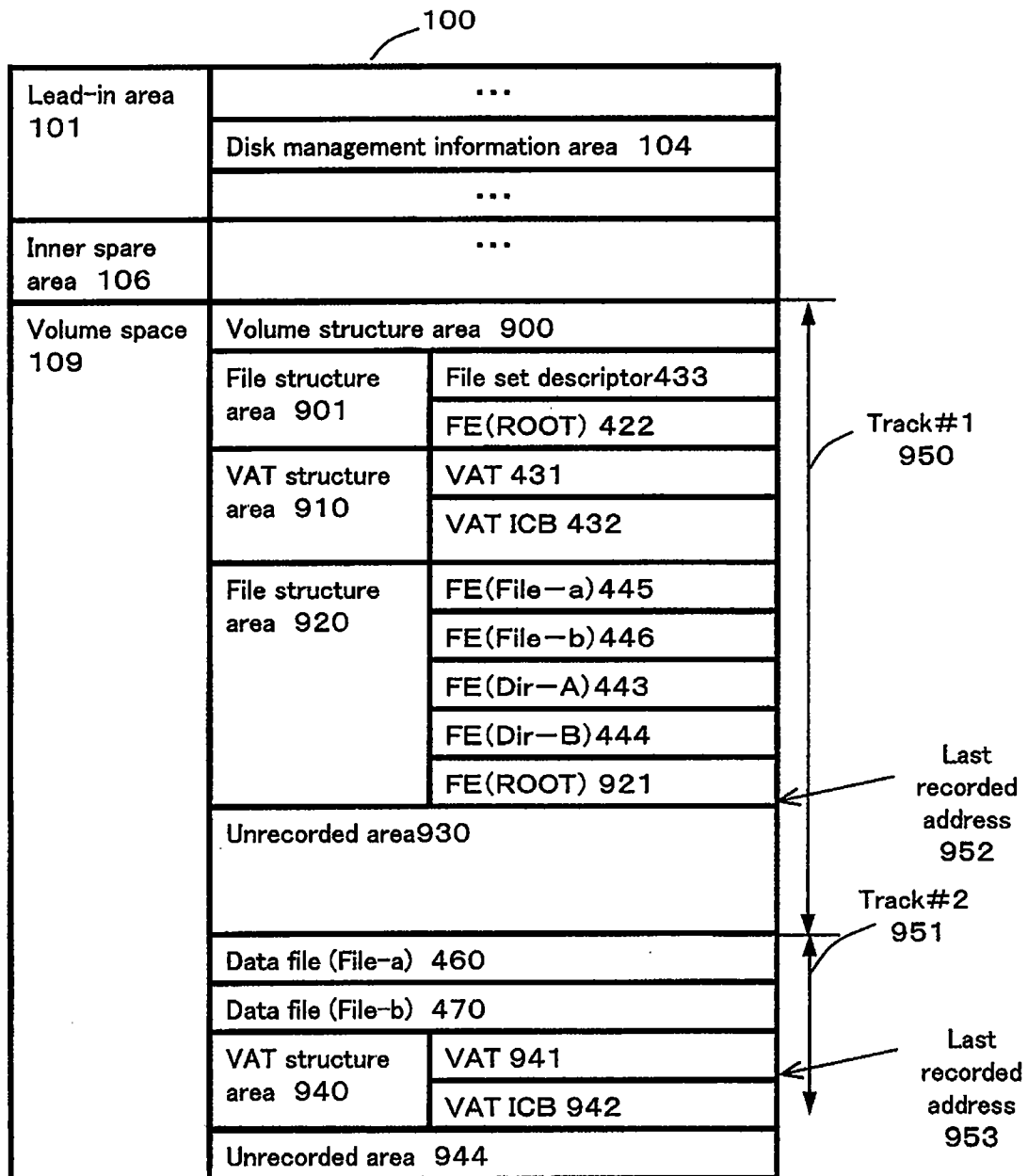


FIG.29

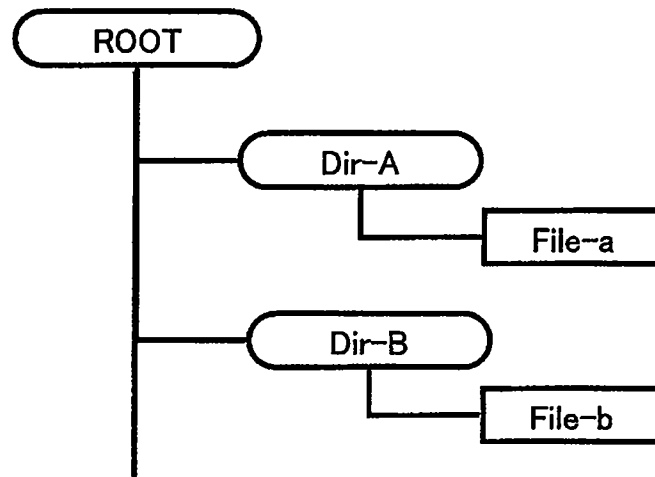


FIG.30

Lead-in area101	...		
	First disk management information area 104		
	...		
Inner spare area 106	...		
	Volume structure area 1000		
Volume space 109	Volume structure area 900		
	File structure area 901	File set descriptor433	
		FE(ROOT) 422	
	VAT structure area 910	VAT 431	
		VAT ICB 432	
	File structure area 920	FE(File-a)445	
		FE(File-b)446	
		FE(Dir-A)443	
		FE(Dir-B)444	
		FE(ROOT) 921	
	Unrecorded area 930		
	Data file (File-a)460		
	Data file (File-b)470		
	VAT structure area940	VAT 941	
		VAT ICB 942	
	Physical partition 420	FE (metadata file) 1021	
		Metadata partition 1010	Metadata file 1020
Unrecorded area 944			

FIG.31

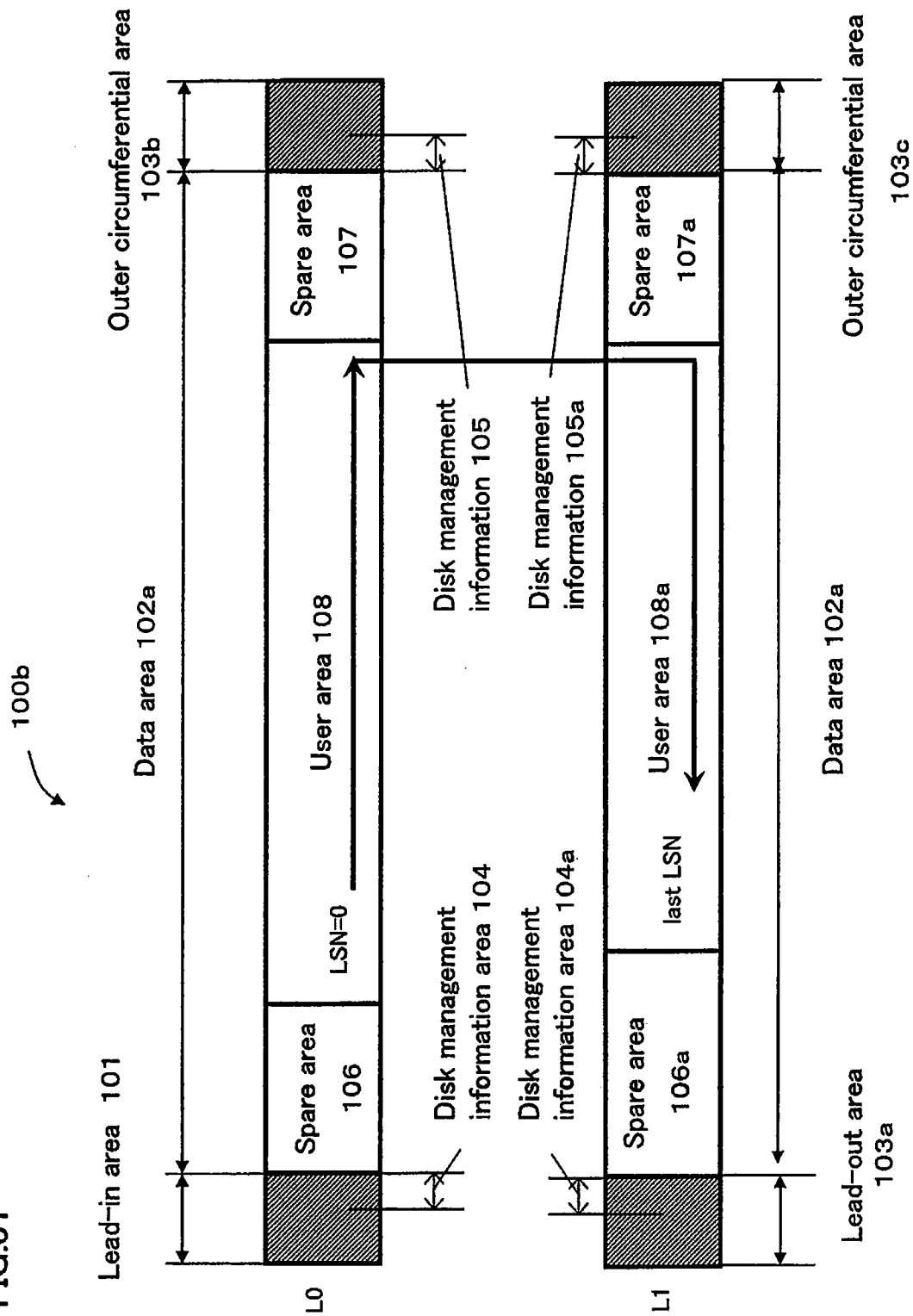


FIG.32

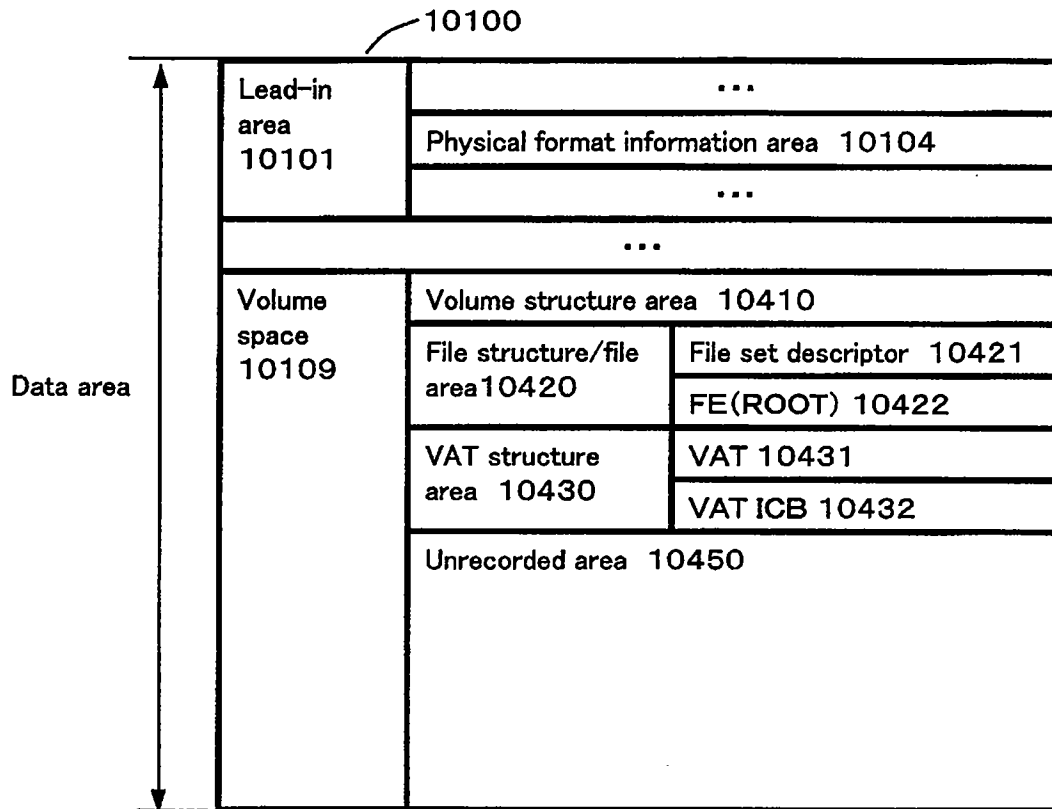


FIG.33

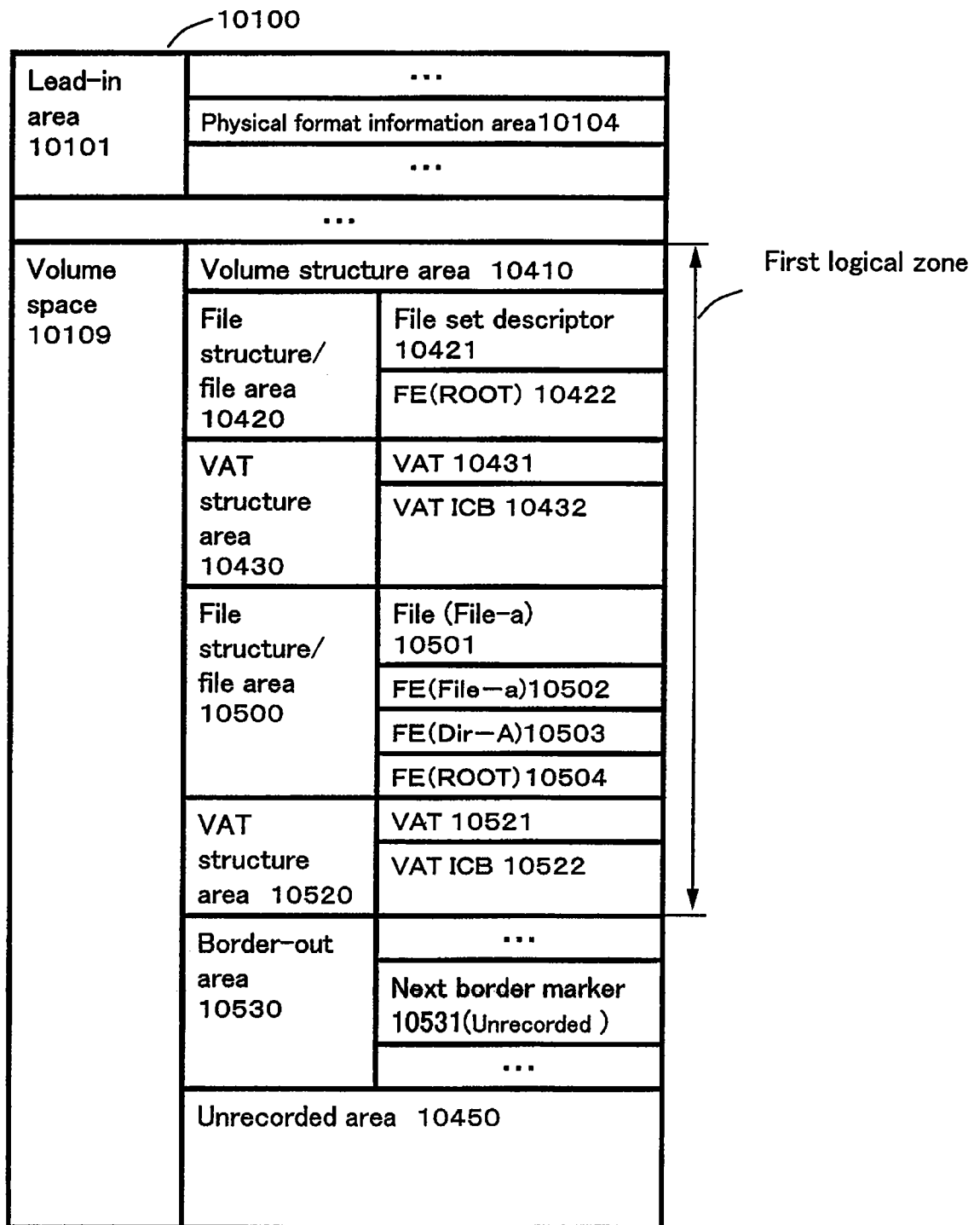


FIG.34

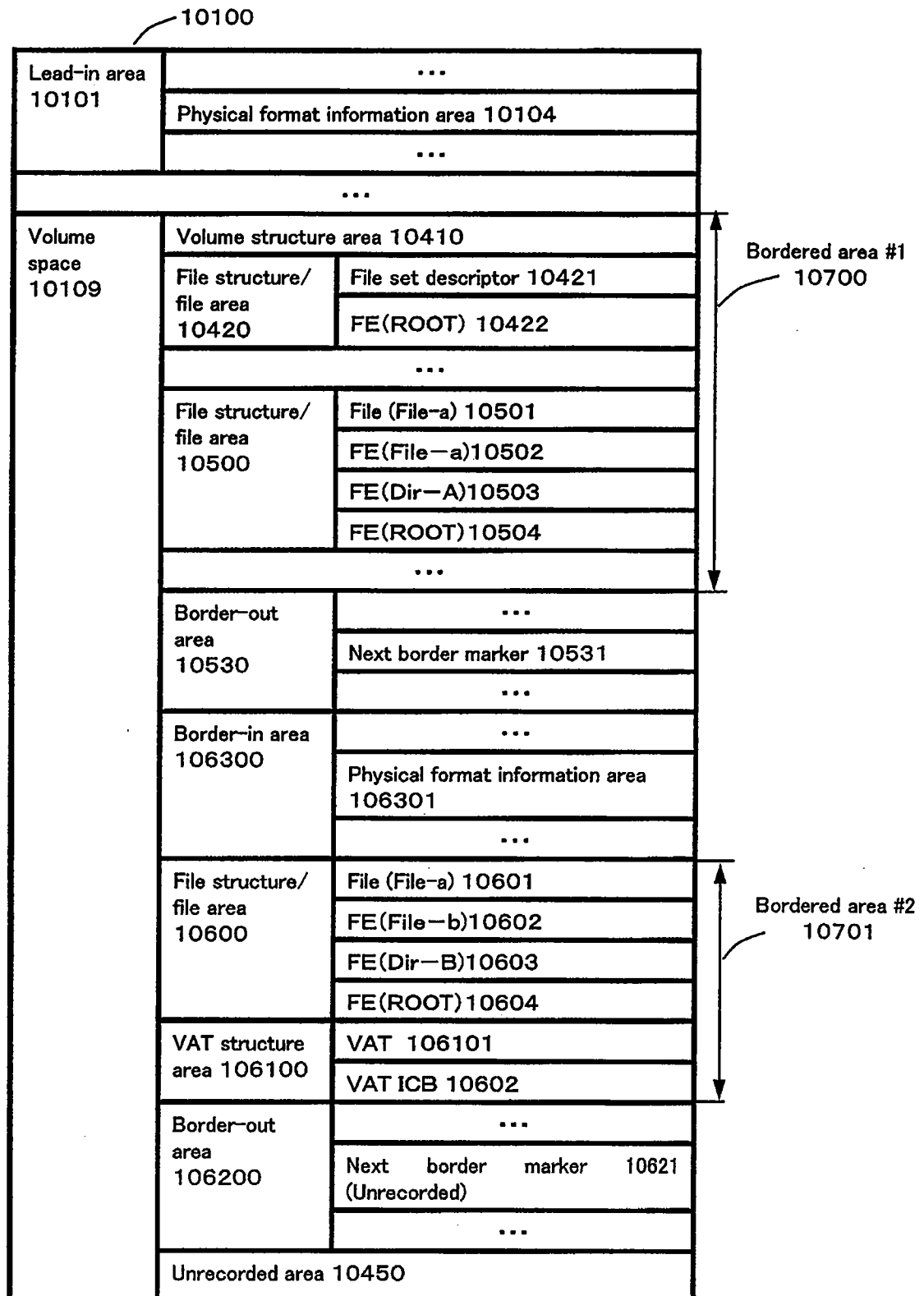


FIG.35

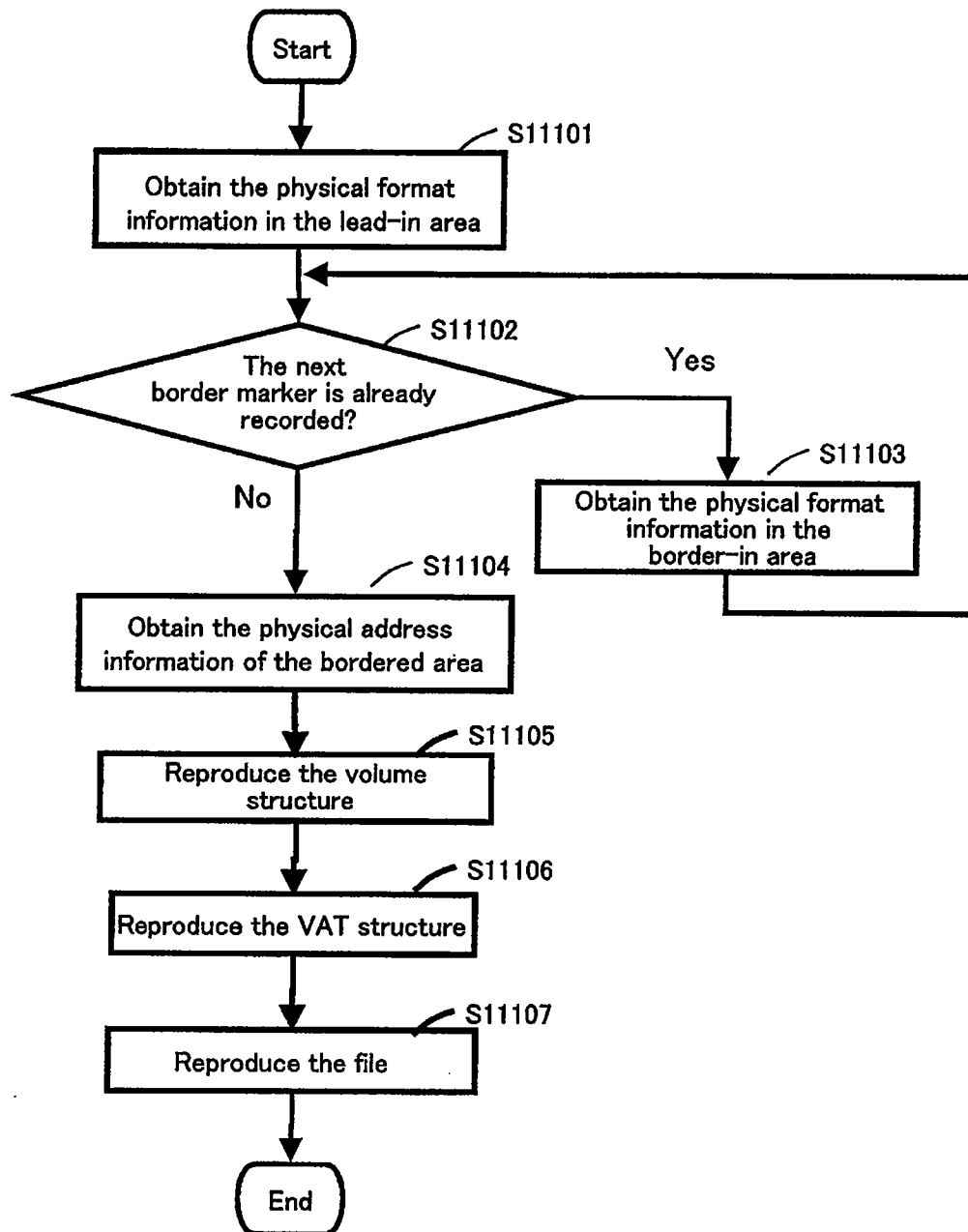


FIG.36

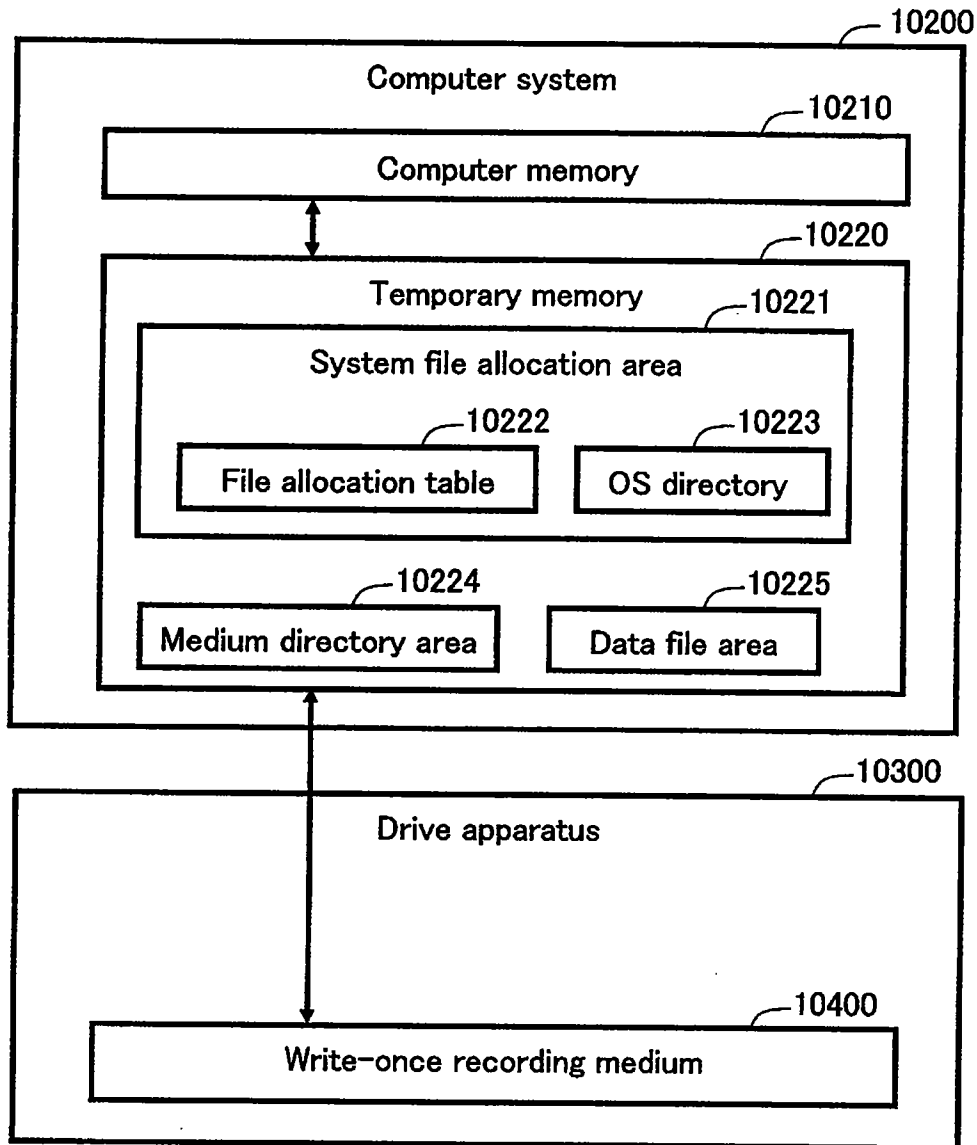


FIG.37

Logical address Write-once recording medium 10400

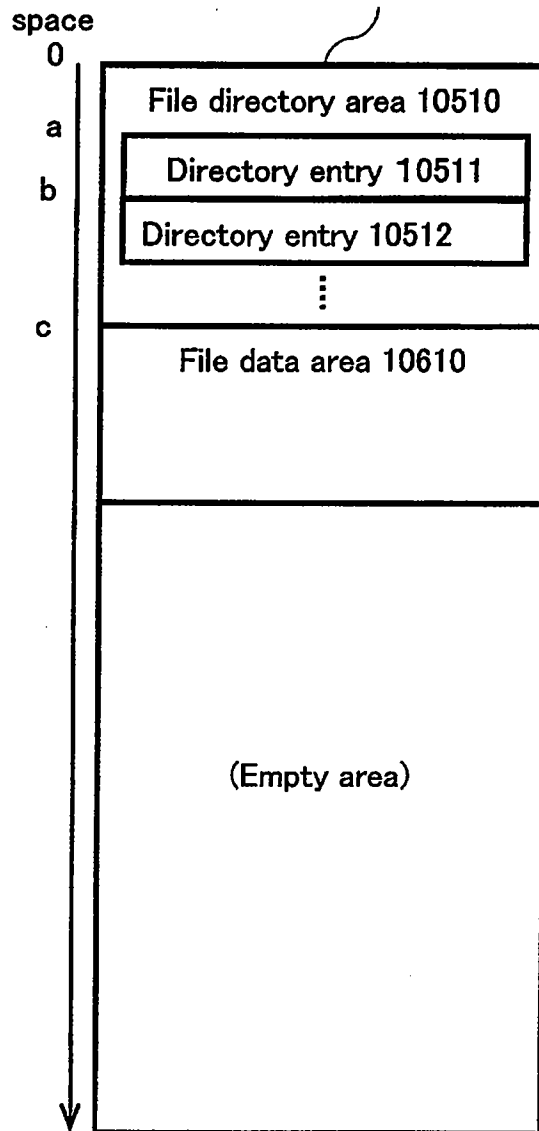


FIG.38

